

In The Claims:

Please amend claims 16, 21 and 24 as follows:

16. A breathing aid device, comprising:

a patient connection;

an inspiratory branch in fluid communication with said patient connection, said
inspiratory branch including an inspiration valve;

5 an expiratory branch in fluid communication with said patient connection and said
inspiratory branch;

E1 means for controlling expiration in fluid communication with said expiratory
branch, said means for controlling expiration including an expiration valve;

means for detecting pressure operatively connected to said inspiratory branch;

10 means for ventilating in fluid communication with said inspiratory branch, said
means for ventilating including means for supplying a breathable gas through said inspiratory
branch at an adjustable pressure, said means for ventilating further including means for
controlling the inspiration valve and the expiration valve, wherein the inspiration valve is closed
during expiration and the expiration valve is closed during inspiration, said means for ventilating
15 further including pressure control means for comparing a pressure command to a pressure signal
provided by said means for detecting pressure and for adjusting the pressure of the means for
supplying; and

means for regulating a patient's breathed volume, said means for regulating
including means for controlling volume and means for measuring volume, wherein the means for
20 controlling volume provides the pressure command to the pressure control means, and wherein
the means for measuring volume provides a signal indicative of a measured volume of breathed

F1 cont gas to the means for controlling volume.

21. A breathing aid device, comprising:

a patient connection;

an inspiratory branch in fluid communication with said patient connection, said
inspiratory branch including an inspiration valve;

5 an expiratory branch in fluid communication with said patient connection and said
F2 inspiratory branch;

an expiration device in fluid communication with said expiratory branch, said
expiratory branch including an expiration valve;

10 a pressure detector operatively connected to said inspiratory branch and disposed
on said patient connection;

a ventilation unit in fluid communication with said inspiratory branch, said
ventilation unit including a source of breathable gas at an adjustable pressure, said ventilation
unit further including a valve controller for opening and closing the inspiration valve and the
expiration valve, said ventilation unit further including a pressure controller for comparing a
15 pressure detected by said pressure detector to a pressure command and for adjusting the pressure
of the source of breathable gas; and

a regulator for regulating a patient's breathed volume, said regulator including a
control unit and a measuring unit, wherein the control unit provides the pressure command to
said ventilation unit, and wherein the measuring unit provides a signal indicative of a measured
20 volume of breathed gas to the control unit.

24. A breathing aid device, comprising:

a patient connection;

an inspiratory branch in fluid communication with said patient connection, said inspiratory branch including an inspiration valve;

an expiratory branch in fluid communication with said patient connection and said inspiratory branch, said expiratory branch including an expiration valve;

a pressure detector operatively connected to said inspiratory branch;

a source of breathable gas at an adjustable pressure in fluid communication with said inspiratory branch;

10 a valve controller for opening and closing the inspiration valve and the expiration valve, wherein the valve controller closes the inspiration valve during expiration and closes the expiration valve during inspiration;

a pressure controller for comparing a pressure detected by said pressure detector to a pressure command and for adjusting the pressure of the source of breathable gas;

15 a control unit for providing the pressure command to said pressure controller; and

a measuring unit for providing a signal to the control unit indicative of a measured volume of breathable gas detected per breathing cycle to the patient connection.